POSITION	INITIALS	ID NO.	DATE
FEE DETERMINATION		100M/cl	1/1/100
O.I.P.E. CLASSIFIER	~ · /	will	1/1/00
FORMALITY REVIEW	111.1		15-16
RESPONSE FORMALITY REVIEW			

## **INDEX OF CLAIMS**

~	Rejected	N	Non-elected
=	Allowed	1	Interference
_	(Through numeral) Canceled	Α	Appeal
÷	Restricted	0	Objected

						÷	٠.			• • • •	••••
		_									
Cla	ımı	-	1	1	$\overline{}$	Da	ite T	_	т—	T	
_	la										
Final	Original										
ш	9	5	+	+-	+	+	+		⊬	╄	╁
	4		┼	┼-	-	4	1	-	↓	╀	$\perp$
	1	_		-	4_	╄	ـ	ــــ	ļ	L	1_
	1	_	1	$\perp$	$\perp$			L.			
	4	_	ــــ	┺	1	ļ	1_		ļ	L	↓
	5 7 8	<u> </u>	<u> </u>	$\perp$	┸	1		ļ	<u> </u>		
	ß	L	L	$\perp$	_	┸			_	L	$\perp$
	1	<u> </u>	1_	_				<u> </u>		L	L
	8			<u> </u>		ļ					<u> </u>
		L		L	_						
	10 1	L						<u> </u>			L
										Γ	
	12	L	$\Box$		Ι	$\Gamma$					
	18					Π				Г	
	14			Τ	Τ						
	15			Τ	Τ			1	T		
	16				1	T	$\top$				
$\neg$	1		T	Γ	T	$\vdash$				Г	
	18	_	<b>†</b>		1	1	T				厂
╗	19	$\vdash$		1	T		1			T	
_	20		1-	1	+	$\vdash$	<del>                                     </del>		Н	-	┼
	2	-	-	-	╁	┼		├─	⊢	-	⊢
		-	╁	┝	╁	╁	-	├	<u> </u>	H	⊢
$\dashv$	28 28 24	-	╁	⊢	┼	╀	<u> </u>	-	-	-	├
-	<u> </u>	-	┡	├-	╁	┼	<u> </u>	<u> </u>	_	_	-
-	_	L	├-	<u> </u>	-	-	-	├-		<u> </u>	<del> </del>
-	25 26	-		├	╄	ļ		ļ	_	_	<u> </u>
			↩	<u> </u>	╄	ļ	<u> </u>	<u> </u>		_	<u> </u>
-	2			<u> </u>	1_	<u> </u>	<u> </u>	ļ			
	2		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>_</u>	L		L	_
	29		<u> </u>	_	L	L	_			L	<u> </u>
	3P		_	_	ļ_			_		L	
$\dashv$	31		_	_	L	L		L.,		_	
	3₽		<u> </u>		L	L					
7	<u> </u>	<u> </u>	L_	_	<u> </u>	L					<u> </u>
_	3			L	_						
	35		_		_	<u> </u>	L				L
	35 36 37				L	$oxedsymbol{oxed}$					
$\perp$	3 <b>7</b> 38		L								
	38					L		•			
	3				Ĺ						
Ţ	40										
		_									
	41 42 43 44 45 46 46 48 49			-	_			Н	$\vdash$	_	$\vdash$
+	48	_	-	-	$\vdash$	-		Н	-	_	
$\dashv$	4	_	$\vdash$	-	$\vdash$	-		Н			H
7	T	_	-	-	⊢	-	$\vdash$	Н	$\dashv$		
+	1	_	<u> </u>	_		H	$\vdash$	$\vdash$			
;  <u>-</u>	#	-			-	ļ		$\dashv$			Н
-+	#	-	<u> </u>		<u> </u>	Ш	$\Box$	$\Box$			$\sqcup$
4	ř			_	_	Щ			_		Ш
	7	_	_						_		Щ
	9						$\Box$				لــــا

Cla	im					Da	ate				
	_			Τ		T	Т	Т		Г	Г
<u>a</u>	Original							1			İ
Final	ō						1				
_	•	t		+	+	$\dagger$	+-	+	+-	+	+
	5 52 53	┼~	-	+	₩		+	╀	+	+	+
	5	-	1	┼	+-	1	┼-	╀	-	╁-	ļ
			_	_	_		_	L	$\perp$		
	5	_	┖	<u> </u>	L	1_	↓	L	<u> </u>	L	
	55										
	56						1			Γ	Γ
	57					$\dagger$			Т	T	1
	58					T	1		1	T	-
	59			t	✝	T	$\dagger$	$\vdash$	+	t	+-
	60		T	┢	$\vdash$	+-	-	+	+	+	$\vdash$
-	61	-	╁╌	-	┢	+-	-	-	+-	+-	╁
_		-		-	+-	+	-	+-	┼	-	├-
	62	-		├-	$\vdash$	┼	一	╀-	1	$\vdash$	$\vdash$
_	63		1_	<u> </u>	ـــ	1_	1_	1	<u> </u>	<del> </del>	$\perp$
	64				1_			<u> </u>			
	65	<u>L</u>		<u> </u>			<u> </u>				
	65 66										Г
	6				Г						
	66			T		$\vdash$	1	$\vdash$		┢	T
$\neg$	69	$\vdash$	1	$\vdash$	H	1	f -		+	$\vdash$	-
$\dashv$	70	-	╁┈	-	-	┢	-	┢	╁		
$\dashv$	-	<u> </u>	<u> </u>	<del>                                     </del>	<u> </u>	1		_	<u> </u>	<u> </u>	ļ
_	7	_	L	_	_	_	<u> </u>	<u> </u>	L	L	L_
	72	_	ļ	<u></u>		_	<u> </u>	_		_	
	7 <b>B</b>		ļ		L.					١.	]
	7#								Γ	Г	
1	7				Г			Π			
	76			1			1	1	<u> </u>	T	
7	77	Г	T	$\vdash$		┢		H	t	t	-
	78	-	$\vdash$	-	$\vdash$	$\vdash$	-	-	1		-
-	79		-	-	H	-	┢	├		-	<del> </del>
$\dashv$	8p	$\vdash$			⊢	-	-		├	-	-
	81	_	┢	<u> </u>	_	├-	H	⊢	├_	-	<u> </u>
$\dashv$	91		ļ	<u> </u>	_	-			<u> </u>		_
-	82 83		_		<u> </u>	<u> </u>		<u>_</u>	<u> </u>		_
_	88		L.			_		<u> </u>	L.	<u> </u>	$ldsymbol{ldsymbol{ldsymbol{eta}}}$
	8	L	<u> </u>	<u> </u>	L	L	L				L
$ oldsymbol{ol}}}}}}}}}}}}}}}$	85			L			L	L	L	L	L
Ī	86		_		_	_					_
	87										
7	88			<u> </u>					Г	<del>                                     </del>	Г
$\rightarrow$	89	H		<del> </del>	<del> </del>	$\vdash$		-	-		
	_		-		$\vdash$	-	-	<del> </del>	<del>                                     </del>	Η.	<u> </u>
-	9)	_			_	-	-		_	-	_
- 1	9)	_			_		<u></u>	<u> </u>	L_	<u>L</u>	_
4	92					L.		<u></u>			
	98				L	L		L			
$\Box$	94										
4	92 93 94 96 97					_	$\vdash$	<del>                                     </del>			
┪	96				-	-	$\vdash$	$\vdash$			
۲,	<u>.</u>	-			-	$\vdash$	$\vdash$	-	$\vdash$	-	
-1			$\vdash$			-		-	-	-	
	30 l		.			1					
4	98 99									_	

Cla	in	,					Da	te				
	Г		IL	06	24				Γ			Γ
-a	O ioiois C		CZ	05	1							ł
Final	Į,	ï	5	-	14	Ì		1				
┝	H	1	-	101	04		<del>  -</del>	$\vdash$	$\vdash$	╁	-	-
-	10	2		-	$\vdash$	-	-	-	-	├	-	├—
	Н	2		ļ				├	-		<u> </u>	┝
<u> </u>	10 10	٥			<u> </u>	<u> </u>	L	<u> </u>		-	<u> </u>	_
	19	4		-	<u> </u>	<u> </u>	<u> </u>	<u> </u>		ļ	<u> </u>	<u> </u>
	10	9		_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_
_	10 10	6		ļ			Ļ		_	_		L
	19	7			L				<u></u>		-	-
	īφ	8				L			L	_		
	10	9										<u> </u>
	11	0										
	1	1										
	11	2										
	1	2										T
		4	$\neg$			_	_	T				t
	1	5			-			-			-	$\vdash$
		6								-	$\vdash$	<del> </del>
$\neg$							$\vdash$		-			-
$\dashv$	1	7 8					H	<u> </u>	$\vdash$	$\vdash$	$\vdash$	-
	1	9		-				-	-	-		-
-			$\dashv$				-	_	_		_	⊢
	1	4			_						_	<u> </u>
	17	1		_	_					<u> </u>	_	<u> </u>
	12 12 12 12	4			_		$\vdash$	_	ļ		<u> </u>	
	4	3		.	_	_						_
	У	1	_	_	_				_			L
	4	4		_							_	
_	12	ì		_								<u> </u>
_	12 12 12	7		_			_					<u> </u>
	120	3		_								
	12	1										L
	13	2						!				
	13	1			[							
_	13	2									-	
	1	2										
	13	4					_					
	14	5										
7	13	5							$\neg$			
-	1	1			$\exists$		$\neg$					
-	*	3	7	$\exists$	寸		$\neg$				$\neg$	
1	3	1	7	$\neg$	寸	┪		$\neg$		$\neg$		
-	4	1	7	$\dashv$	$\neg$				_	$\dashv$		
	4	†	+		$\dashv$	-	$\dashv$	$\neg$	$\dashv$			_
			-	$\dashv$	$\dashv$	$\dashv$	-	-			-	$\dashv$
	4	1	$\dashv$	-+	$\dashv$	-	$\dashv$	$\dashv$		+	-	
	4	1	7	.	A	-	$\dashv$	$\dashv$				
_	1	Y		4	$\frac{7}{A}$	-	$\dashv$					$\dashv$
	45	1	4	/	7		$\dashv$	$\dashv$	$\dashv$	$\dashv$	-	
	\$	1	+	}		4	$\dashv$	-	$\dashv$	$\dashv$		
	٤	2	J	_	4	4	-	_	_	_	_	
	48			4	-		_	_	_		_	
1	49	1		4	4	_	_	_	_	_4	_	_
	50	1	4	/	_1	l		_1				

EST MANABLE COPY

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)

POSITION	INITIALS	ID NO.	DATE
	•		
FEE DETERMINATION	DI		5718-00
O.I.P.E. CLASSIFIER	PH		5/27
FORMALITY REVIEW		59383	823-CV)
RESPONSE FORMALITY REVIEW			8 9 90

## INDEX OF CLAIMS

~	Rejected	N	Non-elected
=	Allowed	- X	Interference
_	(Through numeral) Canceled	Α	Appeal
÷	Restricted	_	Objected

	laim	1									D	a	te								
	-		11		0	6	24	5	Γ				1								
7	֓֞֝׆֛֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡֡		0	3	0	5	24	_	۱ ٔ	•	1		l					i			
Ì	جُ ا	Ĩ	/n		o'	2	1	2								Ì					
-	BUILD OF STANDARD STA	1	1105 2	7	1	/	0	7	-	_	-		_		$\vdash$	-	_	-		1	
-	it z	2	Ť	1	Ť			1	H	_					-	7		1		1	
1		3	1	7	Ť		H	1			H		-	_	Ė	_	- 4	3	-	7	_
ī	1		レレ	╁	J		-	1		-	┝	4	H	-		-		1		1	
6	20	٦	<u>'</u>	+	_	-		+			-	$\dashv$		_		+		+		$\dashv$	
2	(P)	J	,	ł	_	_	-	1		-		$\dashv$		4		4		4	_	4	
ï	P.	4	<u> </u>	+	7	4		+	_	_		4		4	_	4		4		4	
1	P'	4	1	4	+	4		4		4		4	_	4		4		4		4	
1	Po	4	4	4	4	4		4		4		4		4		4		1	_	4	
1	<b>Ъ</b> 9	4	1	1	1	4		1		_		1				1		1		1	
1	Q(	١.	1	1	1	_		1		╛				╛		1		1			
	193	4	1	1	1					╛						ſ		_[	_	_[	_
	143	3			$\int$			T		1		Ţ		1		T		Ť		T	
Ī	SE	1	1	T	T	1		Ť		7		1		1		1		1		†	
1	65	t	T	ţ	T	1		Ť		7		†		1		†		†		†	
Ī	66	1	レ	1	<u>+</u>	1	_	†	_	+		†		1		†	_	t		t	
Š		4	<u>-</u>	t		1		t		1		†		†		t		t		†	
-	i A	1		₽	V	1	AAA	t	_	1		†		†		t		t		t	
-	Ú g	;	1	t	Ť	ł	$\frac{\prime}{\Delta}$	t		+		+		t	_	t	_	†	_	t	
Ī	70		╁	t	t	<u>.</u>	줐	╁	·	钅	<u>-</u>	+		+		╁		+	_	+	
		+	╀	╀	╀	J,	<del>/</del> /	ł		+		+		+		+	_	1	_	╀	
7.6	29	P	L	ļ	Ļ	ļ	<u> </u>	ļ		4		1		1		ļ		1		ļ	
Ų		Ł	L	Ľ	/	+		ļ		1		1		ļ		ļ		L		ļ	
Ş	PB	¥.	L	Ŀ	=	1	_	L		1	_	1		1		L		L		L	
2	Z)	4	Ļ	1	_	1	A	L		1		1		1		L		L		L	
چ	<u>P</u>	þ	<u> </u>	Ĺ	=	l		L	_	1				1		L		L		L	
6	36	E	_	1	_	1				l		ĺ						Ι			
,	26	1				Γ		l		Γ		Τ		Ī		Γ		Γ			
	27					Γ				T		T		Ť		T		T	_	T	
	28	Γ				Ī		Γ		T	_	T		t		T		e,	_	1	$\exists$
-	29			Г	_	T		r	_	t		t	_	t		t	_	H	-	H	⊣
7 -	30 31 32 33	T		Г	_	t		r		t		t	_	t		H	_	-	_	┝	ᅱ
-	31	Ì		-	_	t	_	H	_	t	_	t	_	t	_	-	_	┝	_	H	
-	32	Ļ.	•		_	╁	-	-	-	t		╁	-	H		H		L		┝	$\dashv$
-	33	٠	-	-	_	ŀ	$\dashv$	_		╀		┞		┞	_	H	_		_	ļ.,	긕
-	34	,	┥	_		$\vdash$	$\dashv$	_		╀		╀		1	_	L	-	L		L	4
-	35	١.	$\dashv$	_	-	H	-	_		╀		L		L		L			_	L	4
1	36	L	4	_	_	L		_	_	L		L	_	L		L	_				$ \bot $
		L	4		_	1	,	_		L		L		L		L		_		_	$\Box$
	37		_,	_	_	L	_	_		L		L		L				_			⅃
	38	_	_	_	┙	١,	$\perp$	_		L		L		Ĺ				_		_	_1
	39	_	·	_		4				L		Ĺ		ľ		_	7				
	40			,	1	ļ -	T		٦	Γ				_				_	7	_	┨
	41		7		٦		7		٦	Γ	_	r	_	-			-	_	+	_	$\dashv$
	42	_	1	_	7	_	7	-	_	+	٦	-	۲	-	$\dashv$	-	+		+	-	$\dashv$

r		Γ-										
Cla	aim	<u> </u>	_			D	ate	<del>. , .</del>	•			
Final	Original											
_	51		T	$\top$			$\top$	1	$\dagger$	$\exists$	$\neg$	
	52	-		1	T	$\top$		1.	$\top$	.		
	53				1		T	+	7	T	7	
	54			1	_	1	十	$\top$	1	$\neg$	$\dashv$	
	55			T	Т		T	7			T	
	56									7		
	57											
	58		L				1					
	59			$\perp$	$\perp$							
	60		<u> </u>	1	_	$\perp$		$\perp$		$\perp$		
ļ	61			$\perp$	1	$\perp$	$\bot$	<u> </u>	$\perp$	_ _	_	
_	62		<u> </u>	1	_			$\perp$				
_	63			-	$\perp$	_	$\perp$	1	$\perp$	_	4	
_	64		_	┿	+	┼┈	╄	<del> </del>	$\downarrow$	4	4	
	65 66		_	$\bot$	+	+	+	$\perp$	+	+	_	
	67	-		+-	+	╁	+-	╀	+	+	4	
_	68			+	+-	+	+	+	+-	-	+	
$\rightarrow$	69			╁	┼	╁	╀	╄	+-	+	+	
	70			+	+	╀╌	╁	+-	+	+	+	
	71	-		┼	+	+-	┼-	+-	+	+	-	
	72	$\dashv$		┼	+	╁	+-	╁	+	+		_
	73	$\dashv$		$\vdash$	╁	╁	$\vdash$	+	╁	+	+	
	74	$\dashv$		+	╁	$\vdash$	$\vdash$	+	+	+	+	-
_	75	$\exists$		$\vdash$	┼-	+	+	╁┈	+	+	+	-
_	76	7			$\dagger$	$\vdash$	$\vdash$	†	╁╌	+	+	
_	77			T				T	╁╴	$\top$	+	┪
	78	$\exists$							T	1	+	$\exists$
	79					İ	Г	1	1	T	T	
1	80								T		T	
	B1										T	٦
	32											
$\rightarrow$	33	$\perp$										
	34	_			<u> </u>	_					$\perp$	
	35	$\perp$		_		_		L	L	$\perp$		
	36	$\downarrow$		_	_		<u> </u>	L	L	$\perp$	$\perp$	
_	37	$\downarrow$		<u> </u>	_	<u>L</u>	<u> </u>	_	L	1	$\perp$	
-	8	$\perp$		_		<u> </u>		_	<u> </u>	$\downarrow$	$\perp$	$ \bot $
-	39	+			<u> </u>	_		_	$\vdash$	$\perp$	4	_
-	0	$\downarrow$	_						ot	1	$\perp$	$\perp$
9	)1	$\perp$	_			_		_	L	_	$\perp$	╛

Claim				D	ate	<del>-</del> -			
	T		_		1	$\overline{}$	Γ	Т	Γ-
Final Original									
101							<u> </u>	_	✝
- 102		1		-	-	$\vdash$		_	$\vdash$
103				1					
104					1	$\top$		_	_
105									
106									
107									
. 108		_ _		$\perp$		<u> </u>			
109		_		<u> </u>	<u>_</u>	_			
110	_			<u> </u>	<u> </u>	ļ			
111	-	1	4	1	<u> </u>	_			
112			_	1	ļ		,		
113		+	4_	4-	ļ.,				L
114		+	+	<del> </del>	ļ	<u> </u>			
115 116		+-	+	-	ļ.,			_	
117		+-	+	-	<u> -</u>			_	_
118		- -	+	┼—	<b> </b>			4	
119	+		+-	┼				_	
	+-	+	+-	-	-			_	
120		+		<u> </u>			_	_	
121	+	-	┼-	╁	-		_		_
122 123		+-	+	-		_	-	_	
124		+	+-	┼		•	$\dashv$	$\dashv$	$\dashv$
125		+	+-	-		$\dashv$	+	-	
126		+-	$\vdash$	<del> </del>			$\dashv$	-	
127	+	+-	+-	<del> </del>			-	$\dashv$	$\dashv$
128		+-	+	-	-	$\dashv$	$\dashv$	$\dashv$	-
129	+	+-	-			-	$\dashv$	+	$\dashv$
130	+-	t	+				十	$\dashv$	$\dashv$
131		1	-			$\dashv$	十	+	$\dashv$
132		1				$\neg$		$\dashv$	ヿ
133			1				1	7	$\neg$
134		1					寸	7	
135									1
136									
137									
138							$\Box$		
139							$oldsymbol{\perp}$	$\perp$	
140								$\perp$	
141		L		$_{\perp}$ T	$_{\perp}$ T				
1		1	·		+	- 1	-		<del>-</del>